

Asst. Prof. ŐEYDA ERDOĐAN

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoloji (Dr), Turkey
2009 - 2016

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey 2007 - 2009

Undergraduate, Mersin University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 2002 - 2007

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Eđiticilerin Eđitimi, Yozgat Bozok Üniversitesi , 2024

Vocational Training, Dinoflagellates Workshop, Finnish Environment Institute, 2023

Vocational Training, Determination Course of Freshwater and Terrestrial Cyanobacteria, by Jiří Komárek, University of South Bohemia České Budějovice, 2014

Dissertations

Doctorate, Impacts of eutrophication and climate change on phytoplankton community structure, size diversity, and phytoplankton based ecological status, Middle East Technical University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), 2016

Postgraduate, Echinops viscosus ve Echinops mersinensis türlerinin antioksidan ve antimikrobiyal aktivitelerinin araştırılması, Erciyes University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 2009

Research Areas

Hydrobiology

Academic Titles / Tasks

Assistant Professor, Yozgat Bozok University, Faculty of Arts and Sciences, Biyoloji, 2017 - Continues
Research Assistant, Yozgat Bozok University, Faculty of Arts and Sciences, Biyoloji, 2016 - 2017
Research Assistant, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoloji (Dr),
2009 - 2016

Courses

Undergraduate

Hayvan Ekolojisi, Undergraduate, 2019 - 2020
Bitki Ekolojisi, Undergraduate, 2017 - 2018
Hidrobiyoloji, Undergraduate, 2017 - 2018
Genel Biyoloji, Undergraduate, 2017 - 2018
Ekoloji, Undergraduate, 2017 - 2018

Supervised Theses

ERDOĞAN Ş., Yozgat atık su arıtma tesisinin mikroplastik tutma kapasitesinin belirlenmesi, Postgraduate,
H.ALTUĞ(Student), 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The role of habitat preference and feeding strategy on exposure to microplastic pollution in freshwater fish species**
Ceylan L., Arı H., Erdoğan Ş.
Chemosphere, vol.370, 2025 (SCI-Expanded)
- II. **Microplastic pollution and ecological risk assessment of a pond ecosystem**
Caner S., Günay D., Arı H., Erdoğan Ş.
Environmental Monitoring and Assessment, vol.196, pp.0-13, 2024 (SCI-Expanded)
- III. **Fish Size Structure as an Indicator of Fish Diversity: A Study of 40 Lakes in Türkiye**
Boll T., Erdoğan Ş., Aslan Bıçkı Ü., Filiz N., Özen A., Levi E. E., Brucet S., Jeppesen E., Beklioğlu M.
Water (Switzerland), vol.15, no.12, 2023 (SCI-Expanded)
- IV. **Assessment of heavy metal pollution with different indices in Süreyyabey dam lake in Turkey**
Erdoğan Ş., Kankılıç G. B., Seyfe M., Tavşanoğlu Ü. N., Akın Ş.
Chemistry and Ecology, vol.39, no.2, pp.153-172, 2023 (SCI-Expanded)
- V. **Wastewater Treatment Plants as a Point Source of Plastic Pollution**
Altug H., Erdoğan Ş.
WATER AIR AND SOIL POLLUTION, vol.233, no.12, 2022 (SCI-Expanded)
- VI. **Determinants of phytoplankton size structure in warm, shallow lakes**
Erdoğan Ş., Beklioğlu M., Litchman E., Miller E. T., Levi E. E., Bucak T., Tavsanoglu U. N.
JOURNAL OF PLANKTON RESEARCH, vol.43, no.3, pp.353-366, 2021 (SCI-Expanded)
- VII. **Microplastics in a dam lake in Turkey: type, mesh size effect, and bacterial biofilm communities**
Tavsanoglu U. N., Basaran Kankilic G., Akca G., Çırak T., Erdoğan Ş.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.27, no.36, pp.45688-45698, 2020 (SCI-Expanded)
- VIII. **Influences of climate and nutrient enrichment on the multiple trophic levels of Turkish shallow lakes**
Beklioğlu M., Bucak T., Levi E. E., Erdogan Ş., Ozen A., Filiz N., Bezirci G., Cakiroglu A. I., Tavsanoglu U. N., Gökçe D., et al.
INLAND WATERS, vol.10, no.2, pp.173-185, 2020 (SCI-Expanded)
- IX. **Future water availability in the largest freshwater Mediterranean lake is at great risk as evidenced**

from simulations with the SWAT model

Bucak T., Trolle D., Andersen H. E., Thodsen H., Erdogan Ş., Levi E. E., Filiz N., Jeppesen E., Beklioğlu M.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.581, pp.413-425, 2017 (SCI-Expanded)

- X. **Restoration of Eutrophic Lakes with Fluctuating Water Levels: A 20-Year Monitoring Study of Two Inter-Connected Lakes**
Beklioğlu M., Bucak T., Coppens J., Bezirci G., Tavsanoğlu U. N., Cakiroğlu A. I., Levi E. E., Erdogan Ş., Filiz N., Özkan K., et al.
WATER, vol.9, no.2, 2017 (SCI-Expanded)
- XI. **Inferring past environmental changes in three Turkish lakes from sub-fossil Cladocera**
Cakiroğlu A. I., Levi E. E., Tavsanoğlu U. N., Bezirci G., Erdogan Ş., Filiz N., Andersen T. J., Davidson T. A., Jeppesen E., Beklioğlu M.
HYDROBIOLOGIA, vol.778, no.1, pp.295-312, 2016 (SCI-Expanded)
- XII. **The influence of nutrient loading, climate and water depth on nitrogen and phosphorus loss in shallow lakes: a pan-European mesocosm experiment**
Coppens J., Hejzlar J., Sorf M., Jeppesen E., Erdogan A., Scharfenberger U., Mahdy A., Noges P., Tuvikene A., Baho D. L., et al.
HYDROBIOLOGIA, vol.778, no.1, pp.13-32, 2016 (SCI-Expanded)
- XIII. **Impact of alternating wet and dry periods on long-term seasonal phosphorus and nitrogen budgets of two shallow Mediterranean lakes**
Coppens J., Özen A., Tavsanoğlu U. N., Erdogan Ş., Levi E. E., Yozgatlıgil C., Jeppesen E., Beklioğlu M.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.563, pp.456-467, 2016 (SCI-Expanded)
- XIV. **Temperature effects on body size of freshwater crustacean zooplankton from Greenland to the tropics**
Havens K. E., Pinto-Coelho R. M., Beklioğlu M., Christoffersen K. S., Jeppesen E., Lauridsen T. L., Mazumder A., Methot G., Alloul B. P., Tavsanoğlu U. N., et al.
HYDROBIOLOGIA, vol.743, no.1, pp.27-35, 2015 (SCI-Expanded)
- XV. **Sediments, not plants, offer the preferred refuge for Daphnia against fish predation in Mediterranean shallow lakes: an experimental demonstration**
Tavsanoğlu U. N., Cakiroğlu A. I., Erdogan Ş., Meerhoff M., Jeppesen E., Beklioğlu M.
FRESHWATER BIOLOGY, vol.57, no.4, pp.795-802, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Acute Toxic effects of Disposable Personal Hygiene Products on Daphnia magna**
Erdoğan Ş.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.25, no.1, pp.47-52, 2025 (Peer-Reviewed Journal)
- II. **Evaluation of Some Physicochemical Parameters of Cevdet DüNDAR Pond (Yozgat/Turkey) Based on Bathymetric Map and Field Measurements**
Erdoğan Ş., Özen A., Akın Ş., Ediş S.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, no.2, pp.808-818, 2020 (Peer-Reviewed Journal)
- III. **Microplastic pollution in freshwater ecosystems: A case study from Turkey**
Erdoğan Ş.
SU URUNLERI DERGISI, vol.37, no.3, pp.213-221, 2020 (ESCI)

Books

- I. **Biyolojik Değişkenler: Fitoplankton**
Ongun Sevindik T., Erdoğan Ş.

in: Tatlısu Ekosistemlerinde Arazi ve Laboratuvar Yöntemleri, Ülkü Nihan Tavşanoğlu, Gökben Başaran Kankılıç, Şeyda Erdoğan, Editor, Nobel Yayın Dağıtım, Ankara, pp.103-126, 2020

II. Fiziksel Özellikler

ERDOĞAN Ş., AYDIN H.

in: Tatlısu Ekosistemlerinde Arazi ve Laboratuvar Yöntemleri, Ülkü Nihan Tavşanoğlu, Gökben Başaran Kankılıç, Şeyda Erdoğan, Editor, Nobel Yayınevi, Ankara, pp.15-34, 2020

Papers Published in Refereed Scientific Meetings

- I. **CEVDET DUNDAR POND ZOOPLANKTON COMMUNITY STRUCTURE**
ERDOĞAN Ş., APAYDIN YAĞCI M.
11th INTERNATIONAL ZEUGMA CONGRESS ON SCIENTIFIC RESEARCH, Gaziantep, Turkey, 18 - 20 March 2024
- II. **Yamula Barajı Mikroplastik Kirlilik Seviyesinin Belirlenmesi**
Ceylan L., ERDOĞAN Ş., ARI H.
6. ULUSAL ÇEVRE KONGRESİ, 14 - 15 December 2021
- III. **Plastik Kirliliğinin Sucul Ekosistemler Üzerine Etkileri**
ERDOĞAN Ş.
10th International Ecology Symposium, Bursa, Turkey, 26 - 28 November 2020
- IV. **UNDERSTANDING PHYTOPLANKTON COMMUNITY ASSEMBLAGE PROCESSES OF TURKISH SHALLOW LAKES USING DIFFERENT FUNCTIONAL DIVERSITY COMPONENTS**
Acar V., ÖZGENCİL İ. K., ERDOĞAN Ş., Jeppesen E., BEKLİOĞLU M.
10th International Shallow Lakes Conference, 01 March 2021
- V. **Microplastic Removal Efficiency of Wastewater Treatment Plants: A case study from Yozgat, Turkey**
Altuğ H., Erdoğan Ş.
Ekoloji ve evrim sempozyumu, Ankara, Turkey, 17 July 2019
- VI. **Do changes in climate and land use pose a risk to the future water availability of Mediterranean Lakes**
Bucak T., Trolle D., Andersen H. E., Thodsen H., Erdoğan Ş., Eti Ester L., Filiz N., Beklioğlu M., Jeppesen E.
American Geophysical Union, California, United States Of America, 12 - 16 December 2016
- VII. **Restoration of eutrophication in drought stricken lakes in mediterranean climatic region a system of heavily eutrophic and relatively control lakes**
Beklioğlu M., Erdoğan Ş., Özen A., Tavşanoğlu N., Coppens J., Levi E., Buck T., Bezirci G., Çakiroğlu I., Filiz N.
International Society of Limnology, Turin, Italy, 31 July - 05 August 2016
- VIII. **How does climate change affect the response of cyanobacteria to nutrients**
Carvalho L., Thackeray S., Adrian R., Anneville O., Beklioğlu M., Cromie H., Erdoğan Ş., Jarvinen M., Maberly S., Mcelarney Y., et al.
International Society of Limnology, Turin, Italy, 31 July - 05 August 2016

Supported Projects

- AKIN Ş., ERDOĞAN Ş., Project Supported by Higher Education Institutions, Süreyya Bey Baraj Gölü ve Yakın Havzasının Su ve Sediment Örneklerinde Ağır Metal Birikiminin Belirlenmesi, 2018 - Continues
- ERDOĞAN Ş., ARI H., CEYLAN L., Project Supported by Higher Education Institutions, Yamula Barajı Su ve Balık Örneklerinde Mikroplastik Kirliliği Seviyesinin Belirlenmesi, 2021 - 2023
- ERDOĞAN Ş., Project Supported by Higher Education Institutions, Yozgat Atık Su Arıtma Tesisinin Mikroplastik Tutma Kapasitesinin Belirlenmesi, 2019 - 2020
- ERDOĞAN Ş., Project Supported by Higher Education Institutions, Yozgat Çamlık Milli Parkı Göleti'nin Fitoplankton Çeşitliliği ve Su Kalitesinin Belirlenmesi, 2018 - 2020

Peer Reviews in Scientific Publications

ENVIRONMENTAL POLLUTION, Journal Indexed in SCI-E, September 2021

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, Journal Indexed in SCI-E, June 2021

DESALINATION AND WATER TREATMENT, Journal Indexed in SCI-E, December 2019

Metrics

Publication: 28

Citation (WoS): 171

Citation (Scopus): 285

H-Index (WoS): 7

H-Index (Scopus): 8